

DaimlerChrysler AG

Patent claims

5 1. A stop device for a spindle drive, which consists
of a threaded spindle (1) and a spindle nut (2) with a
stop (3), comprising a limit stop (4), characterized in
that the stop device further comprises a faceplate (5)
which is arranged between the stop (3) of the spindle
10 nut (2) and the limit stop (4), the limit stop (4) and
the stop (3) of the spindle nut (2) being offset in
relation to one another and being able to act upon the
faceplate (5) such that a bending moment can be applied
to the faceplate (5).

15 2. The stop device as claimed in claim 1,
characterized in that the faceplate (5) is oriented
perpendicularly to the axis defined by the shaft of the
threaded spindle (1).

20 3. The stop device as claimed in claim 1 or 2,
characterized in that the stop (3) of the spindle nut
(2) and the limit stop (4) are arranged coaxially about
the axis defined by the shaft of the threaded spindle
25 (1).

4. The stop device as claimed in at least one of
claims 1 to 3, characterized in that the stop (3) of
the spindle nut (2) has a first diameter, and in that
30 the limit stop (4) has a second diameter, the first
diameter being larger than the second diameter.

5. The stop device as claimed in at least one of
claims 1 to 4, characterized in that the faceplate (5)
35 is mounted on the limit stop (4).

6. The stop device as claimed in at least one of
claims 1 to 5, characterized in that the faceplate (5)

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consists of elastic material, preferably of metal,
particularly preferably of spring steel.